SHERWIN-WILLIAMS.

THE SHERWIN-WILLIAMS COMPANY
Environmental, Health & Regulatory Services
101 Prospect Avenue NW
Cleveland, Ohio 44115-1075
Facsimile: (216) 566-2730

October 18, 2010

Mr. Ray Klimcsak
U.S. Environmental Protection Agency
Region 2
290 Broadway 19th Floor
New York, New York 10007-1866

RE: United States Avenue Burn Site
Suspect Sample Trip Report (July 22, 2010)
RI/FS Activities, Gibbsboro, New Jersey

Administrative Order Index No. II CERCLA-02-99-2035

Dear Mr. Klimcsak:

The Sherwin-Williams Company (Sherwin-Williams) submitted the "*U.S. Avenue Burn Site and Associated Reaches of Honey Run and White Sand Branch – Evaluation of Results and Proposal to Complete Soil and Sediment Delineation*" dated May 5, 2010 to the United States Environmental Protection Agency (EPA) for review as part of the ongoing Remedial Investigations/Feasibility Study (RI/FS) activities. This document summarized the soil and sediment investigation activities conducted in the United States Avenue Burn Site (Burn Site) during 2005 and 2008. Recommendations for additional soil and sediment sampling to achieve characterization of the Burn Site were also presented.

On July 22, 2010, Ray Klimcsak (EPA) and Arthur Fischer (Weston) conducted a site walk in the Burn Site as part of the EPA's review of the May 5, 2010 document referenced above. The site walk focused on the former landfill area located in the southeastern corner of the Burn Site, south of Honey Run.

During the site walk Mr. Klimcsak selected a total of 5 sample locations in the vicinity of MW-9 and MW-10 from which soil samples were collected for XRF analysis only. The locations are presented on the attached Figure 1.

The first three sample locations (BS-072210-01 through 03) were collected in a moss-covered open area near MW-10. Soil samples were collected from the 0.0' – 0.5' interval. Samples designated with an A-suffix were collected from the surface of the interval, while those with a B-suffix were collected from deeper within the interval. There was one sample collected from location BS-072210-01 and two samples each (A-suffix and B-suffix) collected from locations BS-072210-02 and 03.

The soil samples, which were collected from below the moss, can be described generally as a medium to fine sand with trace silt and gravel (little or no clay present) containing trace organic material. The color ranged from an olive/gray/blue to a reddish-brown cast. There were lime-green particles present in the 03B sample and a photo of that material is included.

The average XRF screening results ranged from 11 to 14 parts per million (ppm) for arsenic and from 95 to 167 ppm for lead. These values are less than the NJDEP Residential Direct Contact Soil Remediation Standards (RDCSRS) listed as 19 mg/kg for arsenic and 400 mg/kg for lead.

The next two sample locations (BS-072210-04 and 05) were collected alongside the dirt access road in the vicinity of MW-9. Soil samples were collected from the 0.0' – 0.5' interval. Samples designated with an A-suffix were collected from the surface of the interval, while those with a B-suffix were collected from deeper within the interval. There were two samples collected from location BS-072210-04 (A-suffix and B-suffix) and one sample from location BS-072210-05.

The soil collected from location 04 can be described generally as a medium to fine sand with trace silt and gravel (no clay present) containing trace organic material. The color at this location ranged from brown in the 04A interval to olive in the 04B interval.

The XRF screening results for arsenic for samples 04A and 04B averaged 26 and 32 ppm, respectively. Both these values exceed the RDCSRS of 19 mg/kg. The XRF screening results for lead for samples 04A and 04B averaged 845 and 557 ppm, respectively. Both these values exceed the RDCSRS of 400 mg/kg.

The material collected from location 05 is described as a grayish-blue blocky solid clump typically described as the dried paint sludge material that had been placed in the landfill area of the Burn Site when the settling pond and lagoons associated with the former manufacturing plant were cleaned out. The landfill area was excavated and the sludge materials removed under the direction of the NJDEP in 1978. This material is presumed to be residual material remaining from those excavation activities.

The average XRF screening result for arsenic for this sample (location 05) was 40 ppm which exceeds the RDCSRS of 19 mg/kg. The average XRF screening result for lead was 315 ppm which is less than the RDCSRS of 400 mg/kg.

The samples were screened at the field office and the notes are included for reference. The XRF results are also presented in the attached Table 1.

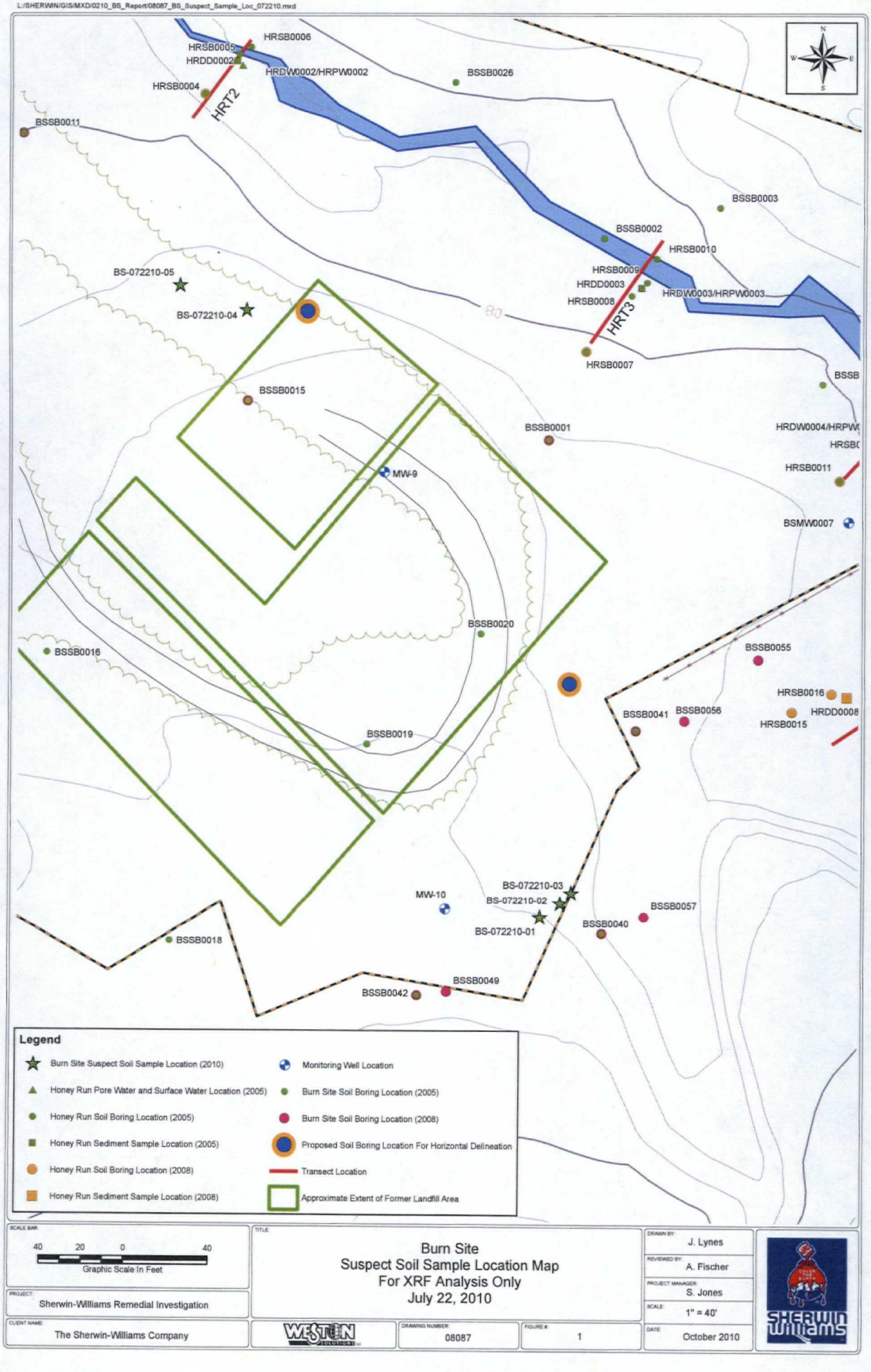
Should you have any other recommendations or if you have any questions or comments, please do not hesitate to contact me at (216) 566-1794 or via e-mail at mlcapichioni@sherwin.com.

Sincerely,

Mary Lou Capichioni

Mary Lou Capichioni
Director Remediation Services

Attachment
cc: J. Josephson, EPA (New York)
W. Sy, EPA (Edison)
L. Vogel, NJDEP (4 copies)
P. Parvis, HDR
J. Gerulis, Sherwin-Williams (w/o enclosures)
A. Danzig, Sherwin-Williams (w/o enclosures)
S. Peticolas, Gibbons, Del Deo, Dolan, Griffinger, & Vecchione (w/o enclosures)
H. Martin, ELM
R. Mattuck, Gradient
S. Jones, Weston Solutions
S. Clough, Weston Solutions
A. Fischer, Weston Solutions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HRSB0006
HRSB0005
HRDD0002
HRDW0002/HRPW0002
HRSB0004
HRT2
BSSB0026
BSSB0011
BSSB0003
BSSB0002
HRSB0010
HRSB0009
HRDD0003
HRSB0008
HRDW0003/HRPW0003
HRT3
BS-072210-05
BS-072210-04
HRSB0007
BSSB0015
BSSB0001
MW-9
HRSB0011
BSMW0007
BSSB0020
BSSB0016
BSSB0055
HRSB0016
HRDD0008
HRSB0015
BSSB0041
BSSB0056
BSSB0019
MW-10
BS-072210-03
BS-072210-02
BS-072210-01
BSSB0057
BSSB0040
BSSB0018
BSSB0049
BSSB0042
Legend
Burn Site Suspect Soil Sample Location (2010)
Monitoring Well Location
Honey Run Pore Water and Surface Water Location (2005)
Burn Site Soil Boring Location (2005)
Honey Run Soil Boring Location (2005)
Burn Site Soil Boring Location (2008)
Honey Run Sediment Sample Location (2005)
Proposed Soil Boring Location For Horizontal Delineation
Honey Run Soil Boring Location (2008)
Transect Location
Honey Run Sediment Sample Location (2008)
Approximate Extent of Former Landfill Area
SCALE BAR:
40 20 0 40
Graphic Scale In Feet
PROJECT:
Sherwin-Williams Remedial Investigation
CLIENT NAME:
The Sherwin-Williams Company
TITLE:
Burn Site
Suspect Soil Sample Location Map
For XRF Analysis Only
July 22, 2010
DRAWN BY:
J. Lynes
REVIEWED BY:
A. Fischer
PROJECT MANAGER:
S. Jones
SCALE:
1" = 40'
DATE:
October 2010
DRAWING NUMBER:
08087
FIGURE #:
1
WESTON SOLUTIONS
SHERWIN WILLIAMS

Page: 1

Date: 7/29/10 Logger: Aaron Moor

WEATHER: 80's & humid AM

AM

H&S MEETING: Thunderstorms. AM

AM

TEAM MEMBERS: Aaron Moor (weston) AM

AM

AM

7:00 Arrive at the field office. I will be XRFing soil from an EPA site visit at the Burn Site on 7/22/10. AM

8:00 Mobalize to the Burn Site. AM

8:05 XRF standardized with a reading of 224.

8:15 XRFed BS-072210-01

Pb 164 As 13ND

Pb 152 As 13ND

Pb 184 As 14ND

AM

Signature: 7/29/10

Page: 2

Date: 7/29/10 Logger: Aaron Mooz

8:25 XRFed BS-072210-02A

Pb 153 As 13 ND
Pb 145 As 13 ND
Pb 167 As 15 ND

AM

8:35 XRFed BS-072210-02B

Pb 100 As 11 ND
Pb 95 As 12 ND
Pb 103 As 12 ND

AM

8:45 XRFed BS-072210-03A

Pb 79 As 10 ND
Pb 108 As 12 ND
Pb 99 As 12 ND

AM

8:55 XRFed BS-072210-03B

Pb 162 As 13 ND
Pb 151 As 13 ND
Pb 152 As 13 ND

AM

Signature: 7/29/10

Page: 3

Date: 7/29/10

Logger: Aaron Mroz

9:05 XRFed BS-072210-04A

Pb 879 As 32 ND

Pb 896 As 33 ND

Pb 760 As 30 ND

AM

9:15 XRFed BS-072210-04B

Pb 527 As 25 ND

Pb 564 As 26 ND

Pb 579 As 27 ND

AM

9:25 XRFed BS-072210-05

Pb 395 As 41

Pb 257 As 49

Pb 252 As 29

AM

9:30 Completed XRFing samples from EPA Burn site visit on 7/22/10. AM

AM

Signature: 7/29/10

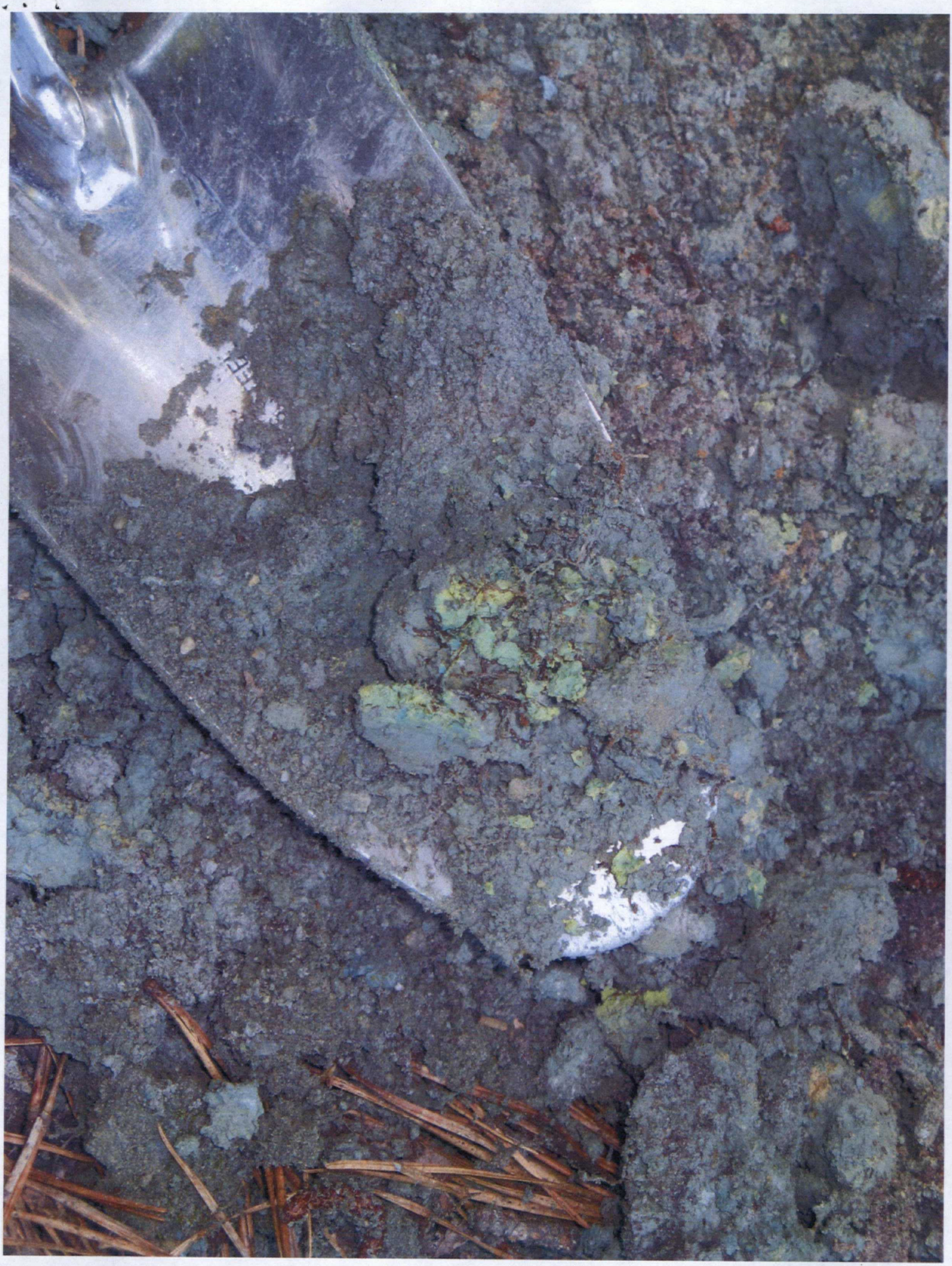

TABLE 1
BURN SITE XRF RESULTS
SUSPECT SAMPLES - JULY 22, 2010
(FOR XRF ANALYSIS ONLY)

Sample Location	Pb		As		Lead Avg.	Arsenic Avg.
	164		13	ND		
	152		13	ND		
BS-072210-01	184		14	ND	167	13
	153		13	ND		
	145		13	ND		
BS-072210-02A	167		15	ND	155	14
	100		11	ND		
	95		12	ND		
BS-072210-02B	103		12	ND	99	12
	79		10	ND		
	108		12	ND		
BS-072210-03A	99		12	ND	95	11
	162		13	ND		
	151		13	ND		
BS-072210-03B	152		13	ND	155	13
	879		32	ND		
	896		33	ND		
BS-072210-04A	760		30	ND	845	32
	527		25	ND		
	564		26	ND		
BS-072210-04B	579		27	ND	557	26
	395		41			
	297		49			
BS-072210-05	252		29		315	40